**HSBC Cypress Project**

**Steps to create cypress :—**

1. Created separate directory under root - mkdir hemanjali\_CypressProj
2. cd hemanjali\_CypressProj
3. ng new CypressAp —— select css and give yes to all and enter
4. cd CypressApp
5. Open cypress folder in VS studio then run below commands
6. npm install cypress —save-dev —— creates new cypress folder
7. npx cypress open — creates new browse instance and select component testing and create spec.cy.ts
8. Change sourceMap = false in tsconfig.json
9. Go to e2e – create new files with .cy.ts extension
10. Those files are: -
11. Homepage.cy.ts
12. Logonpage.cy.ts
13. Testhsbc.cy.ts

If want to use e2e instance directly (run **ng e2e**)

1. Remane cypress and cypress.config.ts files
2. Run ng e2e

**Homepage.cy.ts**

class Homepage{

visit(){

cy.visit('https://www.hsbc.co.in/');

}

validateTitle(){

cy.title().should('eq','HSBC India - Credit Cards, NRI Services, Saving and Deposit')

}

// clickLogonButton(){

// cy.get('.selected-item').contains(" Log On ").click({force: true});

// }

clickLogonButton(){

cy.get('a[class^="selected-item"]').contains(" Log On ").click({force: true});

}

}

export default Homepage;

**Logonpage.cy.ts**

class Logonpage{

validateLogo(){

cy.get("img[src='/content/dam/hsbc/in/images/01\_HSBC\_MASTERBRAND\_LOGO\_RGB.svg']");

}

validateLogon(){

cy.get('span').contains("Log On").should('eq','Log On');

}

checkCoutinueBtndiasabled(){

cy.get('button[name="continue"]').should('be.disabled');

}

// checkCoutinueBtnenable(){

// cy.get('button[name="continue"]').should('be.enable');

// }

checkUserNameBlank(){

cy.get('input[name="name"]').should('have.value','');

}

checkRemCBIUnchecked(){

cy.get('[type="checkbox"]').should('not.be.checked');

}

checkRemCBIchecked(){

cy.get('[type="checkbox"]').click();

}

getUserName(){

return cy.get('input[name="name"]');

}

enterUserName(username:any){

const un =this.getUserName();

un.type(username);

}

clearUserName(){

cy.get('input[name="name"]').clear();

}

Clickicon(){

cy.get('span[class="sr-only"]').click({force: true});

}

Clickdeleteicon(){

cy.get('span[class="icon icon-delete"]').click();

}

}

export default Logonpage

**Testhsbc.cy.tc**

import Homepage from './Homepage.cy';

import Logonpage from './Logonpage.cy';

describe('Login', () => {

let userdata : {email : any; };

before(function(){

cy.fixture('example').then(function(data){

userdata = data;

return userdata;

})

})

it('Visits the Home page', () => {

const home = new Homepage();

const logon= new Logonpage();

home.visit();

home.validateTitle();

home.clickLogonButton();

logon.checkCoutinueBtndiasabled();

logon.validateLogo();

logon.checkUserNameBlank();

logon.enterUserName(userdata.email);

// logon.checkCoutinueBtnenable();

logon.checkRemCBIUnchecked();

logon.checkRemCBIchecked();

logon.Clickicon();

logon.Clickdeleteicon();

})

})